Indian School Al Wadi Al Kabir

Mid Term Examination
COMPUTER SCIENCE

Class: VI   Time: 1 Hour
Date: 12/09/2024   Max. Marks: 25

General instructions:
  i.   All questions are compulsory.
  ii.   Section A questions carries **½** mark each.
  iii.   Section B questions are descriptive type.

Section -A

I.   Choose the correct answer: 6 x ½ = 3

  1. What is an effective way to display data in a pictorial form?
      i)Picture ii)Chart iii)Table iv)Graphics
      ans:Chart
  2. What is MS Excel?
      i) Database Management ii) Presentation iii) Workbook iv) Spreadsheet
      Ans:Spreadsheet
  3. Which of the following displays the colour representation of each data series in the chart?
      i)Data series ii) Horizontal axis iii) Legend iv) Plot Area
      Ans:Legend
  4. By Default, Excel 2016 spreadsheet contains _____worksheet
      i) 3 ii)2 iii)1 iv)5
      Ans:1
  5. Under which tab, can we change the background of the chart?
       i)Home ii) Formulas iii) Format iv) Design
      Ans:Format
  6. The number of rows in a Single worksheet is _____
      i)16384 ii) 1048576 iii)1084756 iv)16286
      Ans:1048576

Fill in the blanks: 6 x ½ =3
  1. merge & center Command is used to quickly create a merged cell to hold the title text.
  2. Excel allows us to change the type of the chart easily by using the change chart type command.
  3. Formula bar is used to enter or edit formulas and perform calculations on your worksheet data.
  4. Scatter chart is also known as XY scatter plot chart
  5. The intersection of a column and a row is called a cell.
  6. Pie chart displays one data series in the form of comparative charts.

II.   Write True or False: 4 x ½ =2

1. A group of selected cells is called a sheet.False
2. The Y-axis of a chart is also known as the category axis.False
3. Any numeric data entered in excel is called as value. True
4. Chart area includes all objects & elements in a chart True

Section – B

III.   Short answers   3 x 1 =3
1. Define any two components of a Chart.
   Ans: Title : It describes the main purpose and content of the chart.
   X-axis: It is the horizontal axis of the chart. It is also known as the category axis.
2. What is Microsoft Excel?
   Ans:Microsoft Excel is a powerful spreadsheet program that allows you to organize and maintain data, complete calculations and represent data in graphs.
3. Write any one advantage of a chart.
   Ans:Data can be presented in an attractive way to attract the attention of readers.

IV.   Define the following: 2x1=2
1. Active Cell
   Ans:Active cell has a dark border around it. You enter data into the active cell
2. Name Box
   Ans: The cell reference of an active cell is displayed in the Name box

V.   Differentiate Between: 2x2=4
1. Pie Chart and Line Chart.
   A pie chart is shaped like a circle divided into slices, each slice showing the relative size of each value.
   A line chart is a type of graph that displays continuous data at regular intervals
2. Workbook and worksheet
   Ans:A spreadsheet file is called workbook, which is like a notebook having many individual worksheets.
   Excel allows us to organize data in rows and columns. The rows and columns are collectively called worksheet.

VI.   Answer the following question: 3x2=6
1. Write the steps to change the background of chart we have created?
   Ans:Select the chart
   Click on the Format tab
   Click on the Format selection command
   Click on the Fill section
   Click on the Picture or texture fill option button
2. What are the features of Excel?
   Ans:Used for manipulating numbers

Organize data

Store data as workbook

Share data

3. Write the steps to change the chart type

Ans: Select the chart and click on Design tab.

Click on the change chart type command.

Click on desired option.

Click on desired option from the right panel.

Select the type of chart and click on ok button.

VIII   Application based Question: 2 x 1 =2

1. Preetham is a part of a group project. Now that the project is completed, he wishes to see how much contribution was given by each member of the group. Which chart should she create for this?

Ans:Pie chart

2. Anita wants to perform calculation and store her house hold expense in her system, suggest her a software which she can help her in completing the task.

Ans:MS Excel